MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MARCH, 1931

J. A. BROWN, DIRECTOR

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JUL 17 1931
WEATHER BUREAU

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MARCH 1931
METEOROLOGICAL REGISTER

Date	Barometer reduced to °oC Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	63.7	63.4	63.6	63.6	17.7	9.7	13.3	16.7	12.9	14.3
2	2.4	59.5	59.2	0.4	18.8	11.4	14.3	18.1	14.0	15.5
3	56.0	6.3	6.4	56.2	17.1	12.8	15.1	14.7	12.1	14.0
4	8.1	9.8	62.5	60.1	12.8	6.2	8.3	11.4	7.4	9.0
5	67.0	67.7	7.8	7.5	13.7	7.1	10.9	13.3	9.7	11.3
6	65.9	66.6	67.0	66.5	17.7	8.2	13.8	17.1	13.3	14.7
7	8.3	7.7	6.5	7.5	19.6	11.6	15.1	18.9	15.8	16.6
8	5.0	2.9	1.2	3.0	20.6	13.8	15.7	19.8	16.4	17.3
9	58.7	58.4	57.8	58.3	21.9	15.4	18.8	21.1	17.3	19.1
10	5.5	3.6	4.3	4.1	23.0	15.7	19.6	21.2	17.3	19.4
11	59.0	58.8	57.9	58.6	18.8	15.6	16.9	17.2	15.6	16.6
12	64.3	64.2	64.9	64.5	19.8	12.9	17.1	18.9	16.9	17.6
13	6.4	5.6	2.4	4.8	23.3	13.4	18.2	22.8	17.3	18.8
14	5.1	4.5	4.1	4.6	23.3	16.7	20.8	23.4	18.1	21.1
15	8.2	1.7	0.5	3.5	24.9	17.2	23.0	23.1	19.4	21.8
16	59.0	57.5	56.9	57.8	25.0	17.1	22.9	23.9	23.1	23.3
17	6.1	6.1	6.2	6.1	28.4	21.3	28.3	25.3	20.9	24.8
18	8.0	8.0	8.2	8.1	21.7	17.1	20.7	19.2	17.3	19.1
19	9.3	8.9	9.0	9.1	21.2	15.2	18.8	19.6	16.4	18.3
20	64.3	65.7	65.8	65.3	16.2	12.4	13.3	14.3	12.7	13.4
21	69.7	64.3	70.5	68.2	17.1	11.8	14.8	16.6	12.7	14.7
22	70.6	9.0	68.7	9.4	18.4	10.3	15.4	18.1	14.6	16.0
23	67.8	5.9	5.3	6.3	18.4	11.1	15.6	17.2	15.7	16.2
24	3.3	1.8	1.4	2.2	21.0	12.	18.1	19.7	15.6	17.8
25	59.0	57.5	53.9	56.8	21.8	13.9	18.2	20.8	18.3	19.1
26	53.0	54.4	56.7	54.7	21.6	15.5	18.5	21.1	16.7	18.8
27	8.0	8.5	9.8	8.8	18.8	14.9	15.6	17.7	14.9	16.1
28	60.1	7.8	7.0	8.3	23.3	12.7	20.3	21.2	15.6	19.0
29	59.8	61.6	62.3	61.2	16.4	10.6	12.3	15.1	12.1	13.2
30	63.1	2.9	2.3	2.8	17.3	10.9	15.5	14.4	13.6	14.5
31	3.3	2.6	2.5	2.8	19.5	11.5	15.1	18.7	15.7	16.5
	62 19	61. 39	61.37	61.65	19.87	13.12	16.91	18.73	15.46	17.03

Barometer, Range for month 753 0-770.6 m.m.

„ 50-yr. average for month 761.16 m.m.

Thermometer, Range for month 6.°2-28.°4

, 50-yr. average for month 16.19

Rain, total for month 71.93 m.m.

„ , 50-yr average for month 98.30 m.m.

„ , total. Sept. 1st to end of month 829.90 m.m.

.. , 50-yr. average, Sept 1st to end of month. 826 02 m.m

MARCH 1931

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	11.9	14.1	11.6	9.5	10.3	9.3	9.7	83	74	84	80	7.5	
2	12.3	14.6	12.1	9.4	10.2	9.4	9.7	78	67	79	75	6.4	
3	12.9	12.5	10.8	9.7	9.5	8.8	9.3	76	77	84	79	0.0	16.00
4	7.6	7.7	6.8	7.4	6.1	7.0	6.8	91	62	92	82	4.5	1.98
5	7.9	9.4	7.7	6.5	6.9	6.8	6.7	68	60	75	68	8.3	
6	10.8	13.6	11.3	8.0	9.5	8.8	8.8	67	66	78	70	9.0	
7	12.6	15.1	13.9	9.4	10.4	10.7	10.2	74	65	81	73	10.4	
8	13.1	16.2	14.6	9.6	11.4	11.1	10.7	73	66	80	73	8.6	
9	15.0	16.2	15.7	10.3	10.8	12.2	11.1	64	58	83	68	4.5	
10	14.4	16.8	14.9	9.3	11.5	11.1	10.6	55	61	75	64	4.8	2.03
11	15.6	16.7	14.9	12.2	13.8	12.1	12.7	86	95	92	91	2.2	10.06
12	15.4	17.1	15.9	11.9	13.1	11.9	12.3	83	82	89	85	9.8	
13	14.6	16.6	12.6	11.2	10.5	8.3	10.0	82	51	58	64	9.9	
14	15.1	16.2	14.3	9.6	9.8	9.9	9.8	52	46	64	54	10.4	
15	17.1	19.4	15.2	11.0	15.0	10.3	12.1	52	72	62	62	6.0	
16	16.5	18.1	16.9	10.3	11.8	10.8	11.0	49	54	51	51	9.0	
17	19.0	19.5	15.6	11.0	13.1	10.1	11.4	38	54	54	49	10.0	
18	16.7	17.4	16.4	11.5	11.1	13.3	12.0	63	82	90	78	5.5	
19	15.6	17.4	13.9	11.1	13.3	10.2	11.5	69	78	74	74	7.0	
20	9.6	10.2	8.3	7.1	7.2	6.1	6.8	61	59	57	59	8.6	
21	10.4	11.6	10.0	7.3	7.7	7.7	7.6	57	55	70	61	11.5	
22	10.8	11.1	11.3	7.4	6.6	8.2	7.4	57	43	67	56	11.5	
23	11.3	12.3	13.3	7.8	8.1	10.0	8.6	59	56	75	63	5.8	
24	14.3	15.7	14.4	10.0	10.8	11.4	10.7	64	63	86	71	10.0	
25	16.2	16.5	12.9	12.4	11.3	8.3	10.6	80	62	52	65	2.2	
26	15.7	17.1	14.8	11.4	11.9	11.2	11.5	72	64	79	72	9.5	
27	13.1	15.3	12.8	9.7	11.4	9.7	10.3	74	75	77	75	3.6	6.96
28	14.6	15.5	14.3	9.2	9.7	11.3	10.1	52	52	86	63	5.2	
29	10.7	11.5	11.0	8.6	8.1	9.1	8.6	81	64	88	78	5.0	25.91
30	13.9	13.4	12.2	10.8	10.8	9.8	10.5	83	89	85	86	2.3	8.99
31	12.8	15.7	12.3	9.7	11.1	8.8	9.9	76	68	66	70	3.6	
	13.46	14.85	12.96	9.68	10.38	9.80	9.96	68.3	65.2	75.2	69.6	6.86	2.32

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.
Time of readings minus 2 hours equals G C T.
50-year averages are for period, 1875-1924

MARCH 1931

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	6st	4stcu	3st	4.3	0	0	1se	290.5	calm	
2	5cuci	6st	5st	5.3	0	1w	2se	481.7	light	
3	10st	10st	10ni	10.0	2w	1w	2sw	1045.3	stormy	thunder
4	10ni	10st	10ni	10.0	5w	2w	0	460.3	„	
5	8st	1cu	1cu	3.3	0	1w	1se	102.9	light	
6	1cu	1cu	0	0.7	0	0	0	150.5	calm	
7	0	1ci	0	0.3	0	0	0	40.2	„	
8	8ci	6ci	6ci	6.7	0	0	0	77.6	„	
9	10ci	6ci	5ci	7.0	0	0	0	85.6	„	
10	8ci	8stcu	8stcu	8.0	0	0	3se	218 6	slight	
11	10ni	10ni	5ci	8.3	1n	2w	1s	860.0	rough	
12	8ci	7ci	6ci	7.0	1w	1w	1s	443.5	light	
13	6ci	0	0	2.0	0	0	2s	212.4	calm	
14	1ci	1ci	0	0.7	0	0	0	164.7	„	
15	0	2ci	1ci	1.0	0	0	0	35.1	„	
16	5ci	5ci	6ci	5.3	0	0	1s	68.6	„	sirocco
17	0	4ci	0	1.3	0	0	2s	490.5	„	sirocco
18	8ci	10st	8st	8.7	0	0	2s	248.3	„	
19	0	8st	4st	4.0	1s	2w	2sw	691.4	light	
20	5st	0	0	1.7	3w	3nw	3n	342.2	rough	
21	1cu	0	0	0.3	1n	1n	0	211.4	light	
22	0	0	0	0.0	1n	1n	0	113.9	„	
23	4ci	8ci	8ci	6.7	0	0	0	47.3	calm	
24	0	3ci	2ci	1.7	0	0	0	22.7	„	
25	7ci	8ci	8ci	7.7	0	0	0	35.4	„	
26	1cu	1cu	3cu	1.7	3sw	1sw	2sw	647.7	light	thunder
27	1cuci	8st	8st	5.7	0	1sw	1sw	665.4	calm	
28	10st	10st	8st	9.3	0	1w	0	476.6	light	
29	8st	10st	8st	8.7	3w	2sw	0	605.4	rough	
30	4cu	10ni	8st	7.3	0	0	2s	522.4	light	
31	10st	3stcu	8st	7.0	0	1sw	0	484.6	„	
				4.89	0.7	0.7	0.9	333.63		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	0	0	0	1	1	5	0	21
14:30	2	0	0	0	0	4	8	1	16
20.30	1	0	0	4	7	4	0	0	15
Totals	6	0	0	4	8	9	13	1	52

Number of days with rain 7, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 10 9